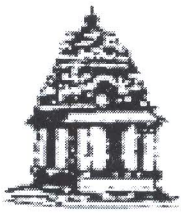


# *BRUHAT BANGALORE MAHANAGARA PALIKE*

## *YELAHANKA ZONE*

### *DIVISION: BYATARAYANAPURA*

### *SUB DIVISION: VIDYARANYAPURA*

***Name of Work:*** ***Estimate for Repairs of Street Sign Boards and Providing New Street Sign Boards in ward No. 09 (Vidyaranyapura).***

***Job Code:-*** 009-20-000096.

***Estimated Cost Rs. 10.00 Lakhs***

# BRUHAT BANGALORE MAHANAGARA PALIKE

## YELAHANKA ZONE

| 011-20-000117 | P-1771 | Estimate Cost Rs. | 1000000.00 |
|---|---|---|---|

**Name of Work: Estimate for Repairs of Street Sign Boards and Providing New Street Sign Boards in ward No. 09 (Vidyaranyapura).**

| Sl No | Description of item | Unit | No | L | B | D | Qty | Rate | Amount |
|---|---|---|---|---|---|---|---|---|---|
| 1 | KSRRB 300-1. Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications. MORTH / Chapter 3 **Page No. 143 / Item No. 19.1, PWD SR 2018-19** | Cum | | | | | | | |
| | **Street Sign Boards** | | 312 | 0.60 | 0.60 | 0.50 | 56.16 | | |
| | | | | | | | **56.16** | 137.80 | **7739.00** |
| | Basic Rate | 130.00 | | | | | | | |
| | Area Weightage @ 6% | 7.80 | | | | | | | |
| | **Total** | **137.80** | | | | | | | |
| 2 | KSRRB M800-4. **Direction and Place Identification Signs with size more than 0.9 sqm Size Board:**-Manufacturing, supply and installation of retro- reflectorised cautionary, mandatory and informatory signboards made out of cube corner micro prismatic grade sheeting confirming to type XI standards of IRC :67:2012 specifications & fixed over 4 mm thick aluminium composite panel sheet having minimun 0.30 thick aluminium skin on both sides & fixed over a support frame of 25x25x3 mm MS angle and mounted on 75mm dia OR 75x75x6mm Mild steel angle of total height 2.70m with clear height of not less than 2.10 m from the ground level to the bottom of the sign board & 60 cm below ground level. The sign post should be painted with one coat of red oxide paint and white colour with brands of 30 cm height alternatively firmly fixed to the ground by means of foundation with M20 grade cement concrete of 45 cm x45 cm x 60 cm including cost & conveyance of all materials, equipment, machinery & labour with all leads and lifts, loading charges necessary for satisfactory completion of the work as directed by engineer in charge. 10 years warranty for retro reflective | Sqm | | | | | | | |
| | | | 312 | 0.60 | 0.60 | | **112.32** | 7557.80 | **848892.00** |
| | Basic Rate | 7130.00 | | | | | | | |
| | Area Weightage @ 6% | 427.80 | | | | | | | |
| | **Total** | **7557.80** | | | | | | | |
| 3 | KSRRB M800-7. Painting:-Providing and applying two coats of ready mix paint of approved brand after through cleaning of surface to give an even shade complete as per specifications. MORTH Specification No. 803 - **Painting on Steel Surface Page No. 181 / Item No. 24.8.1, PWD SR 2018-19** | Sqm | | | | | | | |
| | **Pole** | | 312 | 3.00 | | 0.20 | 187.20 | | |
| | Board Front and Back Side | | 312x2 | 0.60 | | 0.45 | 168.48 | | |
| | | | 312x2 | 0.60 | | 0.15 | 56.16 | | |
| | | | | | | | **411.84** | 76.32 | **31432.00** |
| | Basic Rate | 72.00 | | | | | | | |
| | Area Weightage @ 6% | 4.32 | | | | | | | |
| | **Total** | **76.32** | | | | | | | |

| Sl No | Description of item | Unit | No | L | B | D | Qty | Rate | Amount |
|---|---|---|---|---|---|---|---|---|---|
| 4 | KSRRBM800-9. Painting New Letter and Figures of any Shade with synthetic enamel paint black or any other approved colour to give an even shade complete as per specifications. ("i) Hindi ( Matras commas and the like not to be measured and paid for half letter shall be counted as half) " MORTH Specification No. 803 **Page No. 181 / Item No. 24.9, PWD SR 2018-19** | cm | | | | | | | |
| | Board Letters | | 15 | 0.10 | | | 1.50 | | |
| | | | 20 | 0.125 | | | 2.50 | | |
| | | | 25 | 0.10 | | | 2.50 | | |
| | | | 30 | 0.10 | | | 3.00 | | |
| | | | 25 | 0.10 | | | 2.50 | | |
| | For One Board | | | | | | **12.00** | **Cms** | |
| | For 500 Boards | | 312 | 12.00 | | | | | |
| | | | | | | | **3744** | 1.06 | **3969.00** |
| | Basic Rate | 1.00 | | | | | | | |
| | Area Weightage @ 6% | 0.06 | | | | | | | |
| | **Total** | **1.06** | | | | | | | |
| | Sub Total | | | | | | | | **892032.00** |
| | GST @ 12% | | | | | | | | **107044.00** |
| | Miscellaneous charges | | | | | | | | **924.00** |
| | | | | | | | | **Total** | **1000000.00** |
| **Rupees Ten Lakh(s) Only** | | | | | | | | | |

**CERTIFICATE:**

1 The work spot has been inspected and the work is found necessary.
2 This estimate is prepared as per P.W.D S.R of 2018-19.
3 This work included under 2019-20 POW Grant.
4 The provisions were made in this estimate are necessary and adequate.
5 This works come under B.B.M.P. limits.

Assistant Engineer
Ward No. 09

Assistant Executive Engineer
Bruhat Bangalore Mahanagara Palike
Vidyaranyapura Sub Division

Executive Engineer
Bruhat Bangalore Mahanagara Palike
Byatarayanapura Division

Administrative Approval
Accorded For RS. 10.00 lakh
Head of A/C P-1771
CER NO : AS/135/2021 Dt: 20/03/2020

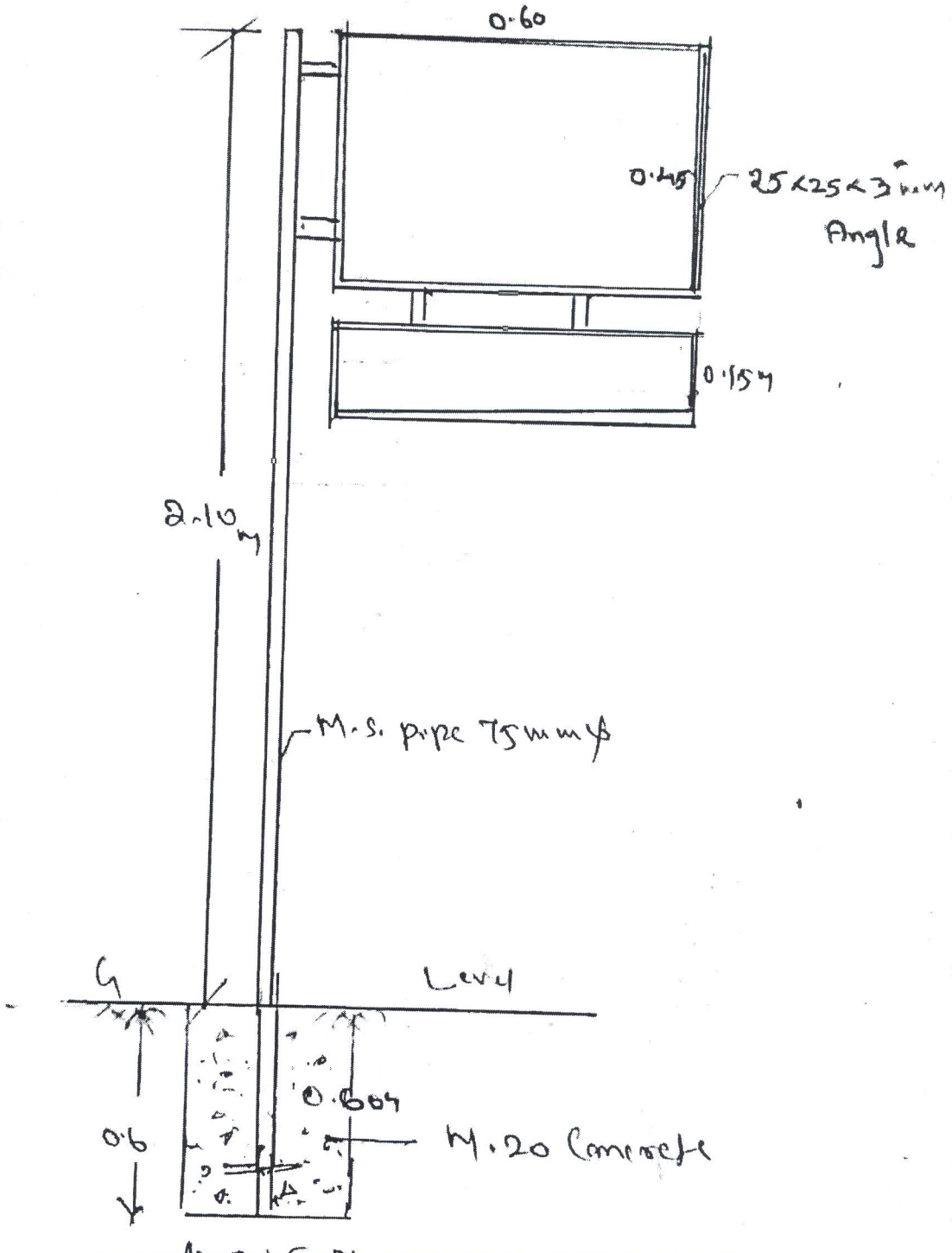
TA

CE (YNK)

TECHNICAL SANCTION
Accorded For Rs. 10.00 Lakhs only
Head of A/c. P1771, POW works
Div. Ref. No. 48 Date 24/4/2020

AE

EE(BTP) 24/06




CROSS SECTION OF STREET SIGN BOARD

Assistant Executive Engineer
Tyaranyapura Sub Division
BBMP, Bangalore - 97

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